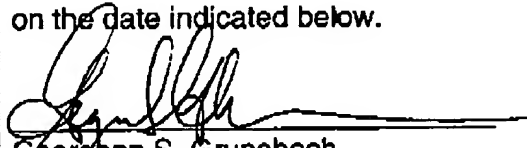




Patent
PD-201148
Customer No. 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ernest C. Chen et al.	I hereby certify that this correspondence is being facsimile transmitted to (571) 273-2885 (Issue Fee Facsimile Number) addressed to:
Serial No.: 10/068,039	
Filing Date: 02-05-2002	
For: PREPROCESSING SIGNAL LAYERS IN A LAYERED MODULATION DIGITAL SIGNAL SYSTEM TO USE LEGACY RECEIVERS	Mail Stop Issue Fee Commissioner for Patents P. O. Box 1450 Alexandria VA 22313-1450
Group Art Unit: 2611	on the date indicated below.
Examiner: TORRES, Juan A.	 Georgann S. Grunebach (Name of person signing certificate)
	Date: July 25, 2006

**REQUEST FOR CONSIDERATION OF PREVIOUSLY FILED
INFORMATION DISCLOSURE STATEMENT**

Mail Stop Issue Fee
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

ISSUE FEE DUE: OCTOBER 17, 2006

Dear Sir:

Applicants respectfully request consideration of the enclosed Information Disclosure Statement which was previously filed in the present application on February 17, 2006.

The Information Disclosure Statement dated February 17, 2006 was facsimile transmitted to the Office on February 17, 2006 and received by the Office on February 17, 2006, as evidenced by Auto-Reply Facsimile Transmission and the date-stamped RECEIVED CENTRAL FAX CENTER FEB 17 2006 of the Information Disclosure Statement and substitute form PTO 1449 enclosed herewith. The statement was timely filed under 37 C.F.R. §1.97(d) with payment of the fee set forth in §1.17(p).

Serial No. 10/068,039.....Page 2

Accordingly, Applicants respectfully submit that this Information Disclosure Statement should be fully considered, and the accompanying PTO 1449 form, initialed by the Examiner.

Applicants believe that no fee is required in connection with this communication. If a fee is due, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California.

Favorable consideration is respectfully requested, and if the Examiner believes that there are any unresolved issues, Applicants request that the Examiner telephone the undersigned so that appropriate arrangements can be made for resolving such issues as expeditiously as possible.

Respectfully submitted,

By: 

Georgann S. Grunebach, Reg. No. 33,179

The DIRECTV Group, Inc.
RE/R8/A109
P. O. Box 956
El Segundo, CA 90245

Telephone No. (310) 964-4615

July 25, 2006

Auto-reply fax to 310 964 0842 COMPANY:

Auto-Reply Facsimile Transmission

TO:

Fax Sender at 310 964 0842

Fax Information

Date Received:



2/17/2006 6:50:47 PM [Eastern Standard Time]

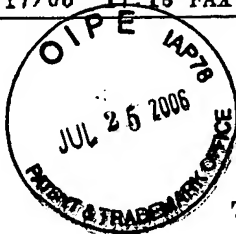
Total Pages:

11 (including cover page)

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Received
Cover
Page
=====>

02/17/06 17:14 FAX 310 964 0842		RECEIVED DIV.	001
FAX COVER SHEET			
PLEASE CONFIRM RECEIPT OF THIS FACSIMILE			
Attention:	MAIL STOP AF Group An Unit: 2631 Examiner: Juan A. Torres	Fax:	(571) 273-8300
UNITED STATES PATENT AND TRADEMARK OFFICE		Phone:	(571) 272-3119
Pages:	Cover + 2 + 2 + 1 + 5 = 11	Date:	February 17, 2006
From:	Georgann S. Grunewald Assistant General Counsel	Fax:	(310) 964-0941
		Phone:	(310) 964-4615
<p>The information contained in this facsimile is confidential and may also contain privileged attorney-client information or work product. The information is intended only for the use of the individual or entity to which it is addressed. If you are not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any use, dissemination, distribution or copying of this communication is strictly prohibited. If you have received the facsimile in error, please immediately notify us by telephone, and return the original message to us at the address below via the U.S. Postal Service. Thank you.</p>			
CERTIFICATION OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8			
<p>I hereby certify that this correspondence identified below is being facsimile transmitted to (571) 273-8300 (Centralized Facsimile Number), addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22319-1400, on February 17, 2006.</p>			
 Georgann S. Grunewald, Reg. No. 33,110 (Printed Name of Person Signing Certificate)		February 17, 2006 (Date of Signature)	
Telephone No. (310) 964-4615		Attorney Docket No. PD-201148	
Attention: Commissioner for Patents		Please find attached Re:	
Serial No.: 10/068,039		Filing Date: February 5, 2002	
<ul style="list-style-type: none"> > INFORMATION DISCLOSURE STATEMENT (2 pages in duplicate) > SUBSTITUTE FORM PTO 1449 (1 page) > NON-PATENT LITERATURE (5 pages) 			
PLEASE CONFIRM RECEIPT OF THIS FACSIMILE			
If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.			
PAGE 1/11 * RCVD AT 02/17/06 6:57:17 PM (Eastern Standard Time) * FAX: 310 964 0842 * CVD: 073300 * CVD: 011814 * DURATION: 00:01:24			



*** TX REPORT ***

TRANSMISSION OK

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Attention:	MAIL STOP AF Group Art Unit: 2631 Examiner: Juan A. Torres	Fax:	(571) 273-8300
UNITED	STATES PATENT AND TRADEMARK OFFICE	Phone:	(571) 272-3119
Pages:	Cover + 2 + 2 + 1 + 5 = 11	Date:	February 17, 2006
From:	Georgann S. Grunebach Assistant General Counsel	Fax:	(310) 964-0941
		Phone:	(310) 964-4615

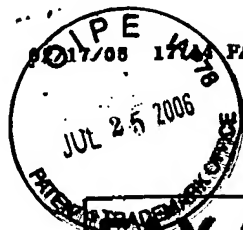
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Georgann S. Grunebach, Reg. No. 33,179

February 17, 2006
(Date of Signature)



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UNITED STATES PATENT AND TRADEMARK OFFICE		Phone:	(571) 272-3119
Pages:	Cover + 2 + 2 + 1 + 5 = 11	Date:	February 17, 2006
From:	Georgann S. Grunebach Assistant General Counsel	Fax:	(310) 964-0941
		Phone:	(310) 964-4615

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Telephone No. (310) 964-4615

Georgann S. Grunebach, Reg. No. 33,179
(Printed Name of Person Signing Certificate)

February 17, 2006
(Date of Signature)

Attention: Commissioner for Patents

Attorney Docket No. PD-201148

Please find attached Re:

Serial No.: 10/068,059

Filing Date: February 5, 2002

- > INFORMATION DISCLOSURE STATEMENT (2 pages in duplicate)
- > SUBSTITUTE FORM PTO 1449 (1 page)
- > NON-PATENT LITERATURE (5 pages)

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PAGE 1/11 * RCVD AT 2/17/2006 5:50:47 PM [Eastern Standard Time] * SVR:USPTO-EFAX-402 * DNIS:2732885 * CSID:3109640941 * DURATION (mm-ss):04:33

02/17/06 17:14 FAX 310 964 0942

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FEB 17 2006

Patent
PD-201148
Customer No. 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ernest C. Chen et al. :

I hereby certify that this correspondence is
being facsimile transmitted to (571) 273-8300
(Centralized Facsimile Number),
addressed to:Serial No.: 10/088,049
Filed: February 5, 2002For: PREPROCESSING SIGNAL
LAYERS IN A LAYERED
MODULATION DIGITAL SIGNAL
SYSTEM TO USE LEGACY
RECEIVERSMail Stop Amendment, Commissioner for
Patents, P. O. Box 1450, Alexandria, VA
22313-1450, on the date below:

Georgann S. Grunbach

Typed or printed name of person signing certificate

Group Art Unit: 2631
Examiner: Juan A. Torres

Date: February 17, 2006

**SUPPLEMENTAL DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97 (d)
WITH FEE AS SET FORTH IN §1.17(e)**Mail Stop AF
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The reference cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 C.F.R. §1.56.

The reference was cited in a European Patent Office communication dated February 2, 2006 in the counterpart European patent application.

This statement should be considered because it is submitted after the period specified under 37 C.F.R. §1.97(c), but filed on or before payment of the issue fee as set forth in 37 C.F.R. § 1.97(d).

PAGE 011 * RCVD AT 07/25/2006 5:42:22 PM [Eastern Standard Time] * SVR:USPTO-EFXXF-3/10 * DNIS:2732885 * CSID:3109640941 * DURATION (mm-ss):03-28

07/26/2006 RHEBANT 00000097 500383 10068039

01 FC:1806 180.00 DA

02/17/06 17:15 FAX 310 964 0842

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003



Serial Number 0/068,039.....

Page 2

Certification Under 37 C.F.R. § 1.97(e)

Each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement (certification under 37 C.F.R. § 1.97 (e)(1)).

PAYMENT OF FEE SET FORTH IN § 1.17(e)

Please charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California, in the amount of \$180.00. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to that account. This form is being submitted in duplicate.

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,

By: 

Georgann S. Grunbach, Reg. No. 33,179

The DIRECTV Group, Inc.
RE/R11/A109
P. O. Box 958
El Segundo, CA 90245

Telephone No. (310) 964-4615

February 17, 2006

02/17/06 17:15 FAX 310 884 0842

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PTO/SB/088 (08-03)

Approved for use through 07/31/2008. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1448/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Complete if Known	
	Application Number	10/088,039
	Filing Date	February 5, 2002
	First Named Inventor	Ernest C. Chen
	Art Unit	2631
	Examiner Name	Torres, Juan A.
Sheet 1 of 1	Attorney Docket Number	PD-201148



NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
		MEYR, HEINRICH; MOENECLAËY, MARC; FECHTEL, STEFAN A.; "Digital Communication Receivers: Synchronization, Channel Estimation and Signal Processing"; 1998; pages 610-612; John Wiley & Sons, Inc. publisher; US; XP002384878	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PAGE 6/11 * RCVD AT 2/17/2006 6:30:47 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-4/32 * DNIS:2732885 * CSID:310 884 0842 * DURATION (mm-ss):04-38

PAGE 11/11 * RCVD AT 7/25/2006 5:42:22 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-3/10 * DNIS:2732885 * CSID:3109640941 * DURATION (mm-ss):03-28

 <h1>FAX COVER SHEET</h1> <p><u>PLEASE CONFIRM RECEIPT OF THIS FACSIMILE</u></p>		 <p>DIRECTV</p>
Attention:	MAIL STOP ISSUE FEE Group Art Unit: 2631 Examiner: Juan A. Torres	Fax: (571) 273-2885
UNITED STATES PATENT AND TRADEMARK OFFICE		Phone: (571) 272-3119
Pages:	Cover + 2 + 8 = 11	Date: July 25, 2006
From:	Georgann S. Grunebach	Fax: (310) 964-0941
	Assistant General Counsel	Phone: (310) 964-4615

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Telephone No. (310) 964-4615


Georgann S. Grunebach, Reg. No. 33,179

(Printed Name of Person Signing Certificate)

July 25, 2006

(Date of Signature)

Attention: Commissioner for Patents

Attorney Docket No. PD-201148

Please find attached Re:

Serial No.: 10/068,039

Filing Date: February 5, 2002

- REQUEST FOR CONSIDERATION OF PREVIOUSLY FILED INFORMATION DISCLOSURE STATEMENT (2 pages)
- AUTO-REPLY FACSIMILE TRANSMISSION, FAX COVER SHEET, INFORMATION DISCLOSURE STATEMENT AND SUBSTITUTE FORM PTO 1449 (8 pages)

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